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INFORMATION REPORT

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PREPARED AND DISSEMINATED BY

CENTRAL INTELLIGENCE AGENCY

COUNTRY

Hungary

SUBJECT

Proposed Railroad, Gyor-Moson/Road and
Railway Planning Institute/Highway Research
Institute/Deficiency of "Boze" Survey
Instrument

DATE DISTRIBUTED

19 Apr 57

NO. OF PAGES

3

NO. OF ENCLS.

1

SUPPLEMENT TO REPORT #

THIS IS UNEVALUATED INFORMATION

[This report is the result of a joint collection effort by the Air Force, Navy, Army and CIA and is disseminated in accordance with the provisions of NSCID#1]

1. [redacted] the Road and Railroad Planning Institute (Ut es Vasut Tervezes Intezet (UVATERV)), 1-olctov er. V District, Budapest.

[redacted] the Highway Research Institute (Utugyi Kutato Intezet (UKI)), 1-olctov er. VI-District, Budapest.

1, a sketch of downtown Budapest, showing [redacted] location of both institutes, UVATERV and UKI/

2. [redacted] planned railroad alignment between Moson Magyarovar [4752N/1717E], Halasz, Puski, Dunaremete, Lipot, Hedervar, Asvany, Raro, Zsejkeps, Dunaszeg, Gyorladamer, Gyorszandoly, and Gyor [4741N/1738E] along the Czechoslovakian border. [redacted] for the purpose of agricultural produce transportation, the plan called for a standard gauge railroad link between the above mentioned cities. [see enclosure 1]

3. UVATERV, which had about 3000 employees and was subordinate to the Ministry of Communications, was organized as follows:

a. Director: Istvan Gabor, engineer [redacted]

b. Personnel Office:

(1) Chief: Miss Erzsebet Reti [redacted]

c. Bridge Planning Branch (300 - 400 employees)

d. Railroad Planning Branch (300 - 400 employees)

(1) Chief: Kalman Hegyi, not an engineer [redacted]

(2) Assistant chief: Geza Valentini, engineer [redacted]

C-O-N-F-I-D-E-N-T-I-A-L

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USAF review completed.

25X1

C-O-N-F-I-D-E-N-T-I-A-L

-2-

(3) About 300 engineers, technicians, draftsmen, administrative personnel. The engineers and the technicians conducted surveys and hired rodmen in various localities.

- e. Road Planning Branch (300-400 employees)
- f. Survey Branch (300-400 employees)
- g. Geodetic Branch (300-400 employees)
- h. Underground Construction Branch (300 - 400 employees)
- i. Water Conservation Branch (300 - 400 employees)

4. UKI, which had about 200 employees [redacted] in Oct 56, was separated from UVATERV in 1955 and put under the Ministry of Communications. In reality, however, the UKI received orders from the Ministry of Defense. 25X1

5. VI was organized as follows:

Director Istvan Gabor, concurrently Director of UVATERV.

b. Survey Branch

(1) Chief: Tibor Marfai, civil engineer [redacted] 25X1

(2) This branch had seven surveying teams of four persons each. In addition, there were six engineers, who controlled the survey.

c. Research Branch

(1) Duties: Collecting statistical data, for example: road-wear, durability of construction materials, evaluation of traffic accidents, etc.

d. Administrative Branch. Duties: Payroll, bookkeeping

e. Personnel Office.

Chief: Mrs Rabel [redacted] 25X1

6. [redacted] 25X1
the survey branch [redacted] duties were to record the following: quality of road; width of pavement; shoulders, ditch and depth of ditch; soil types; distance of safe passing visibility; length of curves; width of canals; quality, length and width of bridges; directions and angles of road crossings and maximum grades of roads. 25X1

7. [redacted] 25X1

8. [redacted] There were two technicians and two or three helpers in a surveying team. The helpers were hired in the field. No maps were available [redacted] 25X1

9. In surveying elevation [redacted] used a "BOZE" instrument which was manufactured by the Hungarian Optical Works (Magyar Optikai Művek (MOM)). This instrument is very primitive and not precise. [redacted] sketch of the "BOZE" survey instrument/ 25X1

10. On a cast steel frame of the instrument are plus and minus gradations from 0 to 25. A hairline slide is fastened to the frame beside the gradings. The distance

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

25X1

-3-

of survey was usually from 50 or 100 meters and the readings were recorded in a book. For example: plus 5/50, or minus 10/100, which means that the reading was plus 5 for 50 meters or minus 10 for 100 meters.

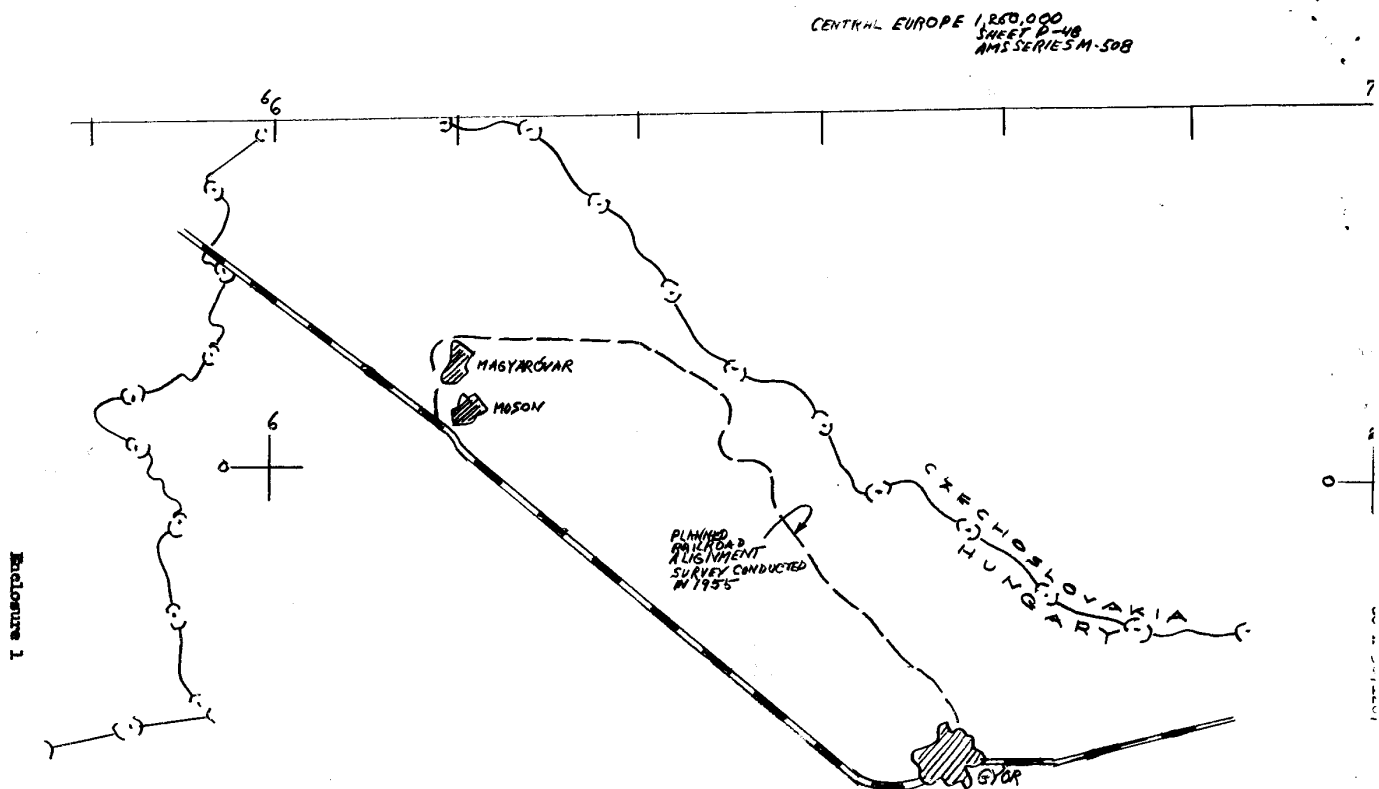
11. 25X1

Speed was clocked by a stop-watch.

two Items: 1) A sketch of downtown Budapest showing the location of UVATERV and UKI, and 2) A sketch of the "BOZE" surveying instrument both CONFIDENTIAL/ 25X1

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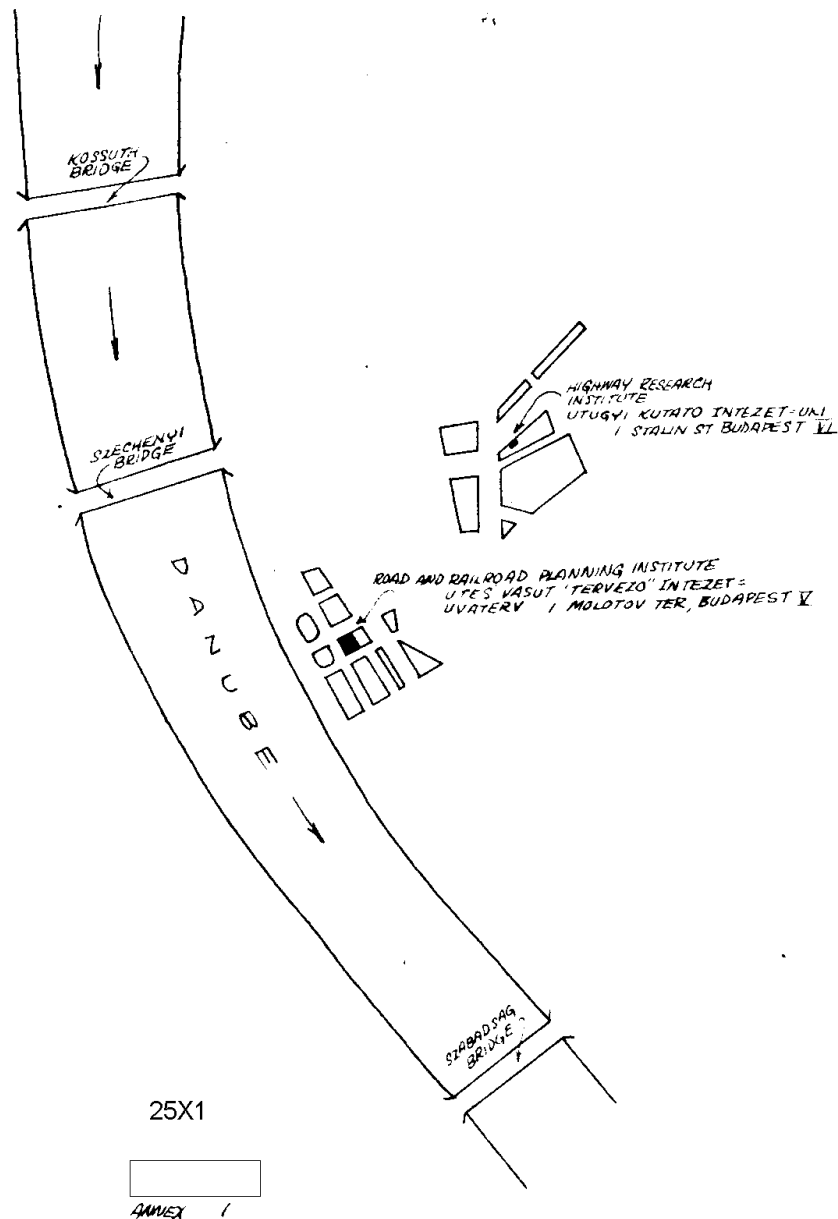
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Confidential

BUDAPEST, DOWNTOWN
(NOT TO SCALE)

CARTOGRAPHIC ENTERPRISE
BUDAPEST, 1956

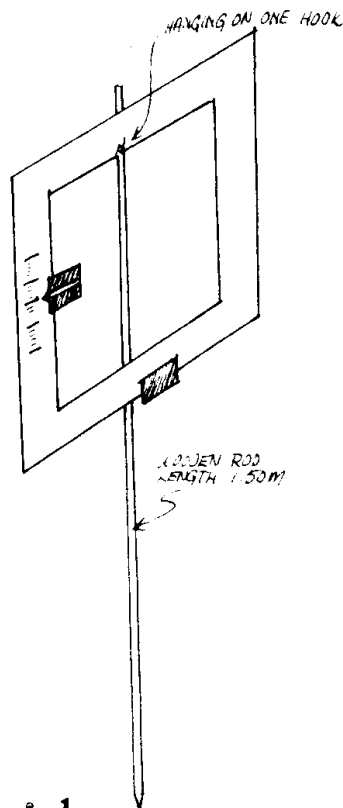
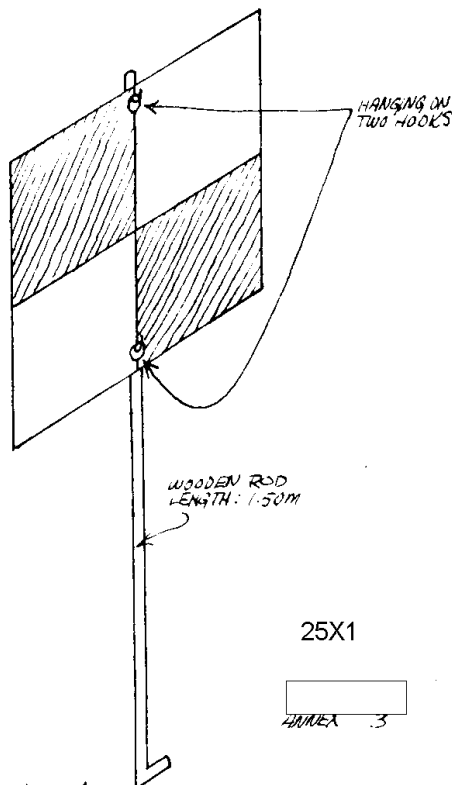
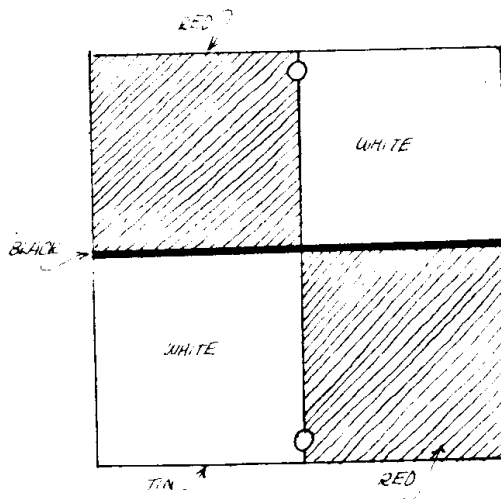
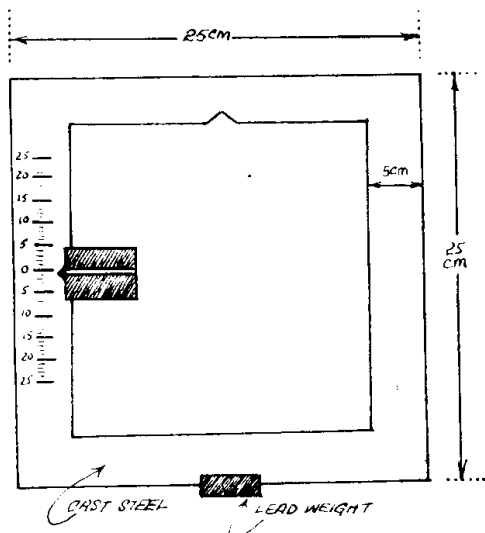


Attachment 1

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"BOZE" SURVEY INSTRUMENT



Attachment 2 **Confidential**